

SD11
R3

Region 3

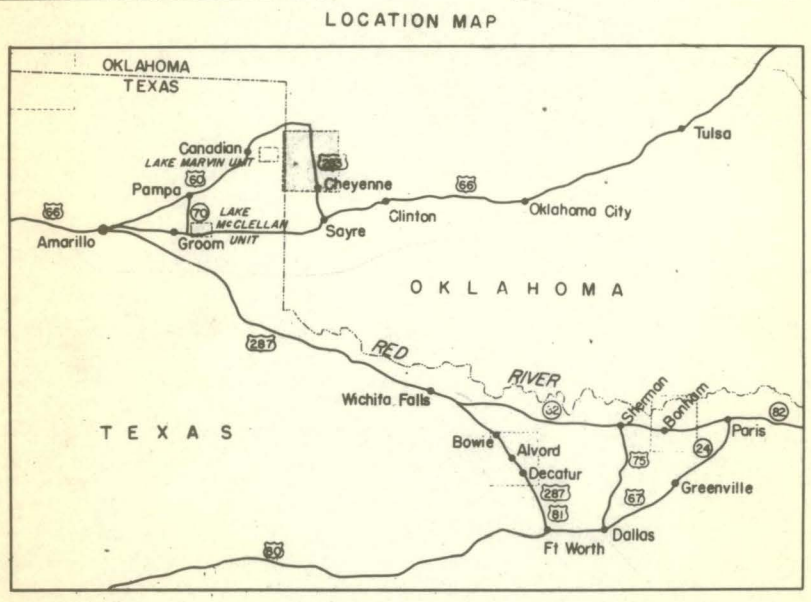
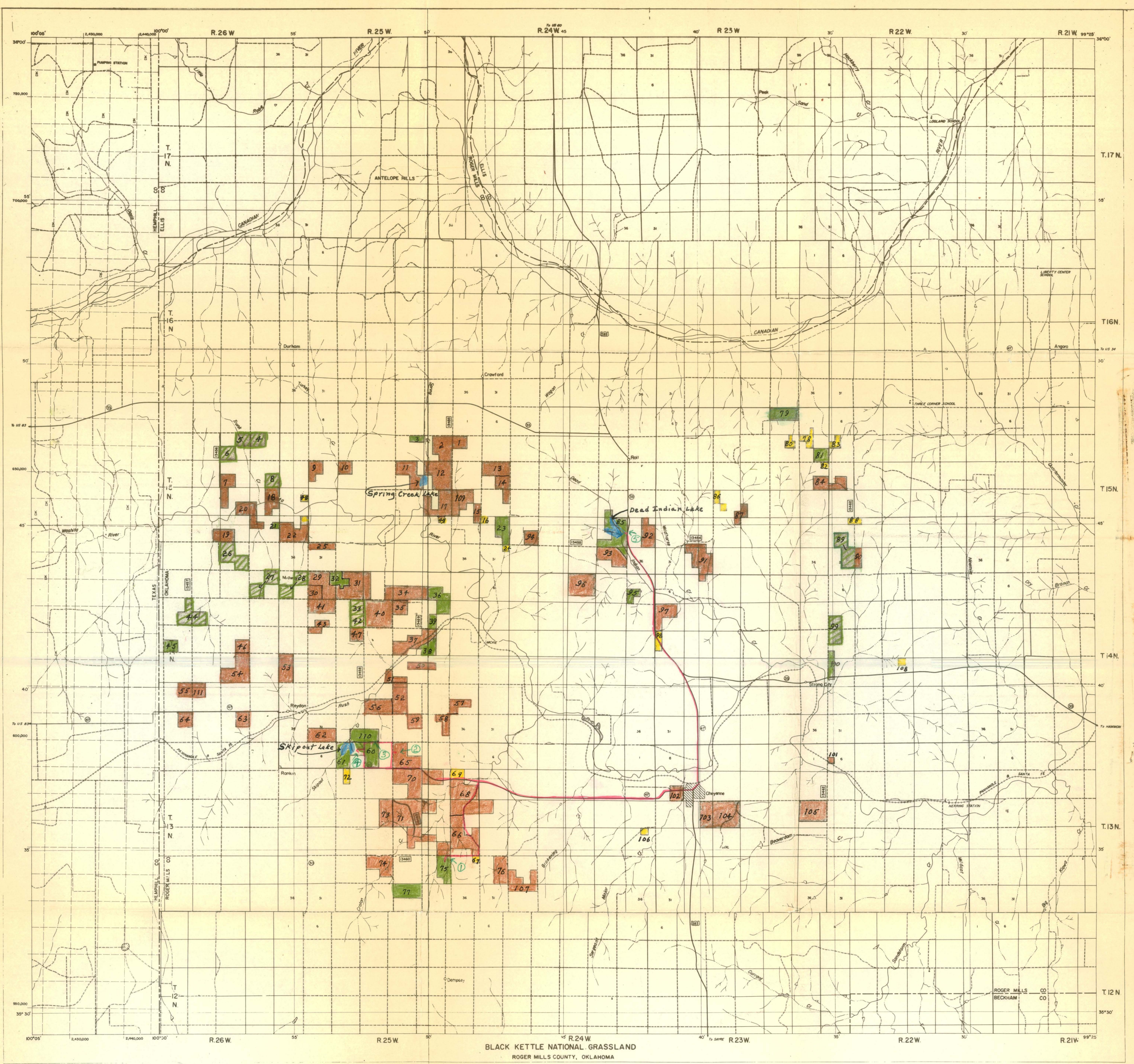
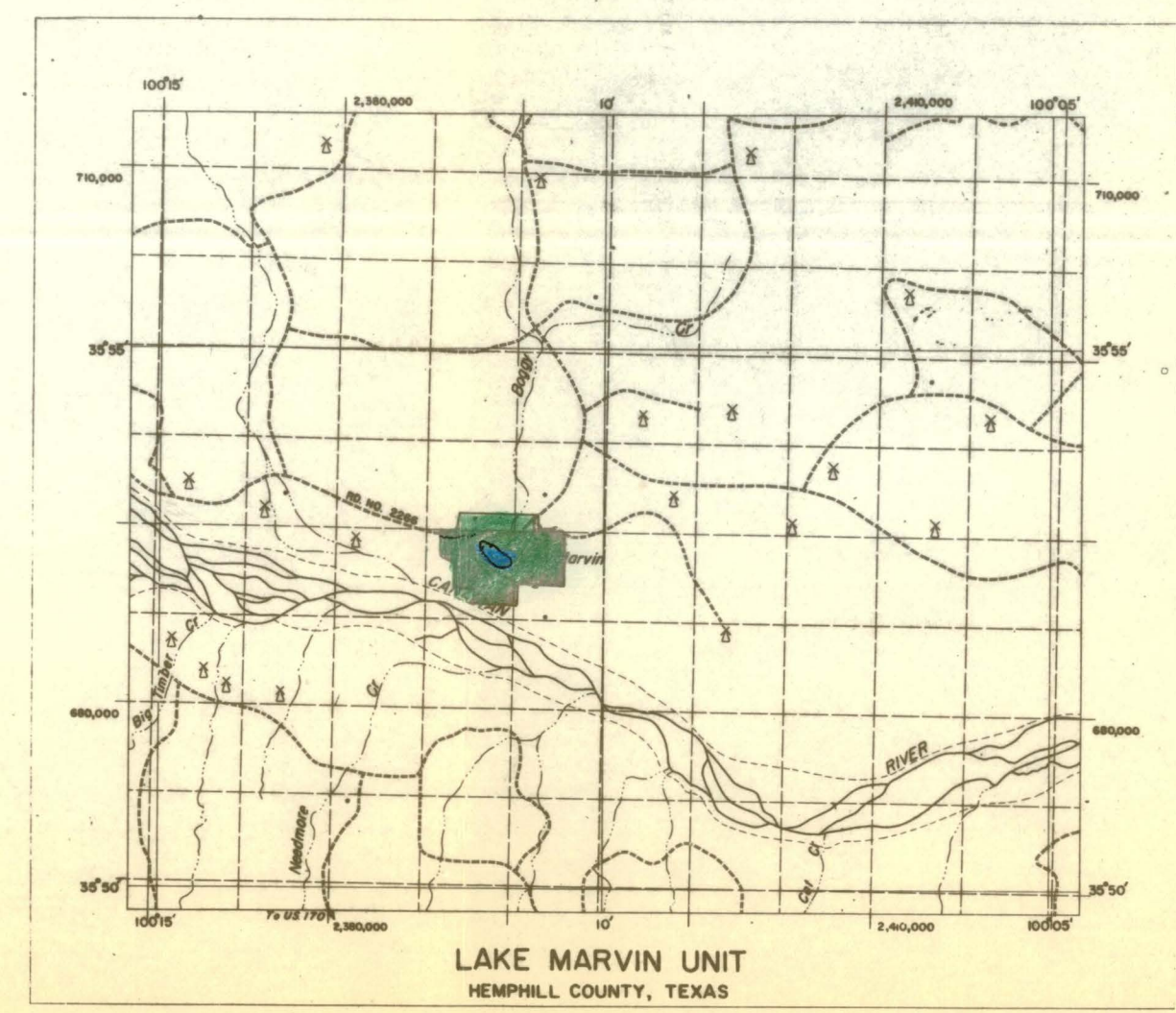
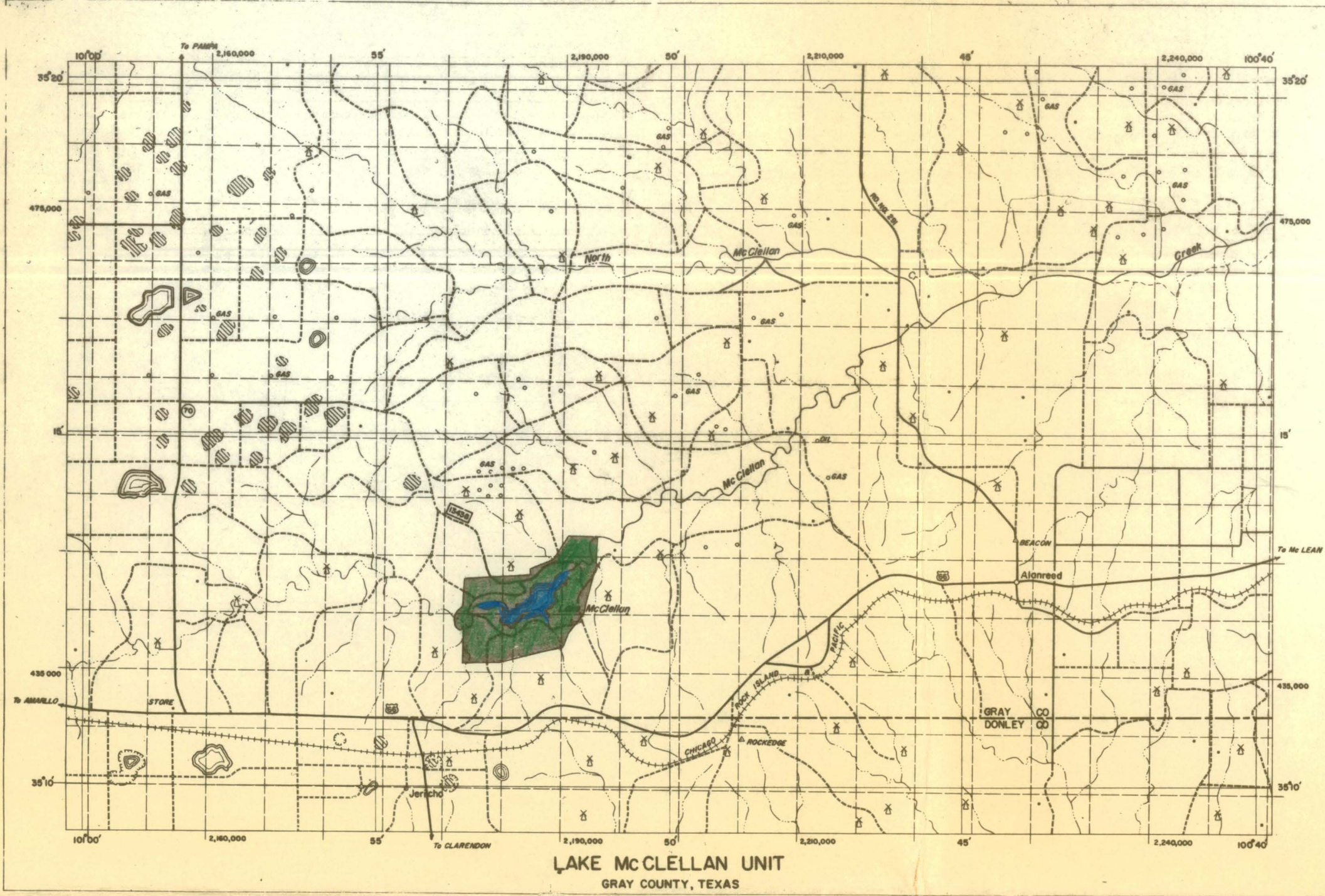
H. Price

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Inspection Tour
Black Kettle District
Panhandle National Grasslands
August 3, 1964



Property of
National FS Library
USDA Forest Service
240 W Prospect Rd
Fort Collins CO 80526



Grazing Management

- Winter Use Only
- Rotation System
- Summer Use with summer deferment every 3 or 4 years
Avg. Season of Use - May 15 to Oct 15
- Yearlong or Summer Use Only

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
**BLACK KETTLE NATIONAL GRASSLAND
AND
LAKE MARVIN & LAKE McCLELLAN UNITS**
OKLAHOMA & TEXAS
1960

Note: In service provisional map
Grid shown in dashed line is at 5,000 foot interval based
on Texas Plane Coordinate system North Zone

Welcome to the Black Kettle
National Grassland!

A Roger Mills County map showing the National Grassland and the stops you will visit is on the next page. As a matter of information this map was prepared and printed by the County Rural Area Development Committee.

For your convenience we have provided a general outline of each stop. We also thought the slides enclosed may be of interest to you.

ROGER MILLS COUNTY

AREA SHADED ON MAP IS BLACK KETTLE NATIONAL GRASSLAND



LEGEND

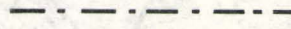
MAJOR HIGHWAYS



OTHER ROADS



COUNTY LINE



STATE LINE



FLOODWATER RETARDING
STRUCTURE AND LAKE



WATERSHED IDENTIFICATION

QM - QUARTERMASTER

UPW - UPPER WASHITA

9M - NINE MILE

BL - BROKEN LEG

SS - SANDSTONE

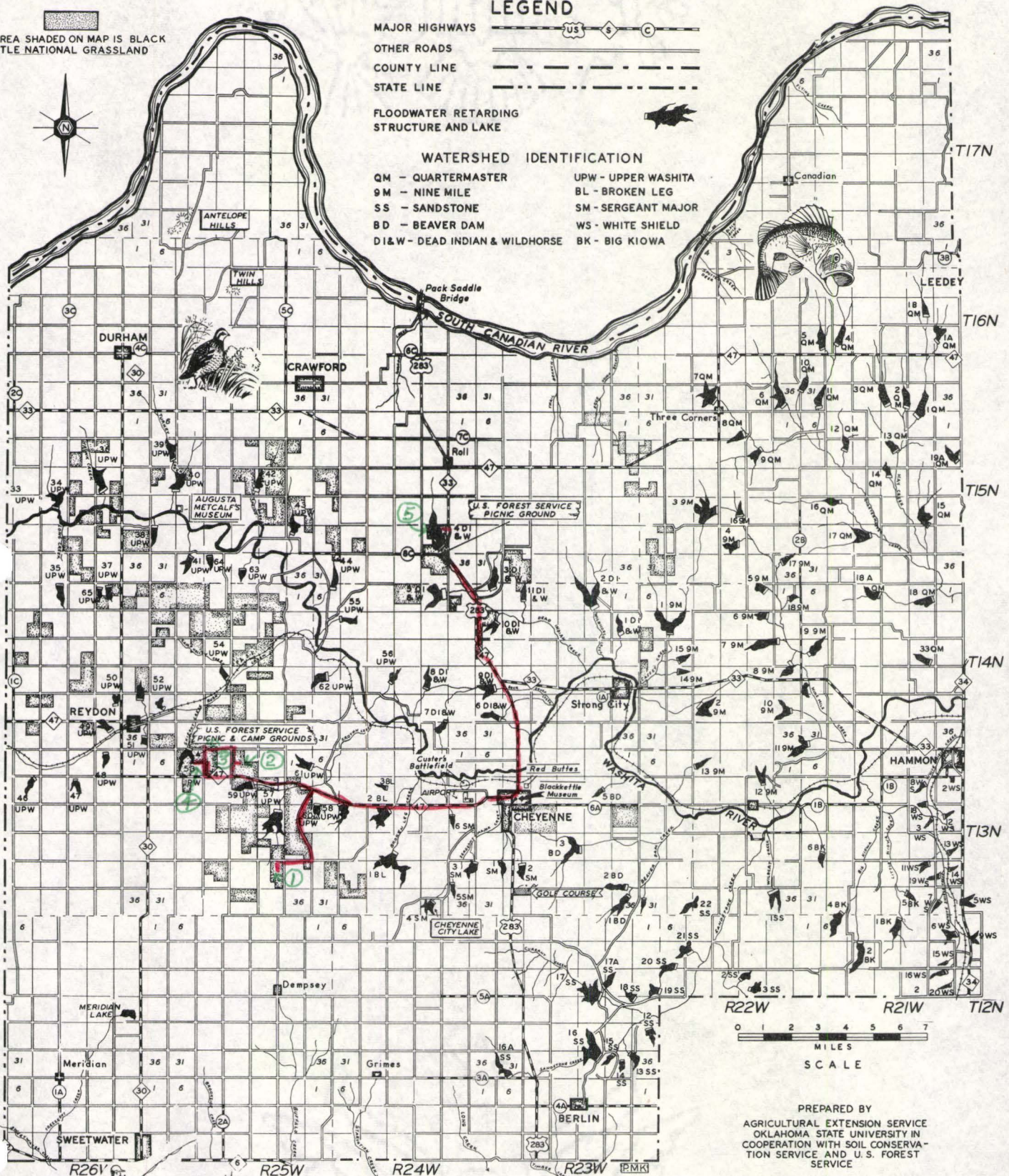
SM - SERGEANT MAJOR

BD - BEAVER DAM

WS - WHITE SHIELD

DI&W - DEAD INDIAN & WILDHORSE

BK - BIG KIOWA



PREPARED BY
AGRICULTURAL EXTENSION SERVICE
OKLAHOMA STATE UNIVERSITY IN
COOPERATION WITH SOIL CONSERVATION
SERVICE AND U.S. FOREST
SERVICE

**RECREATION
& TRANSPORTATION MAP**

Panhandle National Grasslands

Black Kettle District

General Information

Total Acreage	32,851 acres
Oklahoma	30,826 acres
Lake McClellan	1,449 acres
Lake Marvin	576 acres

Acreage formerly under cultivation	12,500 acres
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Climate

Precipitation - See Chart

Wind - Average velocity 14 mph

Range Statistics - 1963

Number of grazing units	111
Number of wells and windmills	83
Number of stock tanks	10
Miles of fence	340
Number of Permittees	95
Number of cattle grazed	2,424
Total AUMs	9,359

Grazing Management Use - See Map

Recreation Statistics - 1963

No. of developed areas	4
Texas	2
Oklahoma	2
Undeveloped	1

Recreation Visits - Number - Average length of visit

Oklahoma	50,000	1/2 day
Texas		
McClellan	66,000	3/4 day
Marvin	23,000	1/2 day

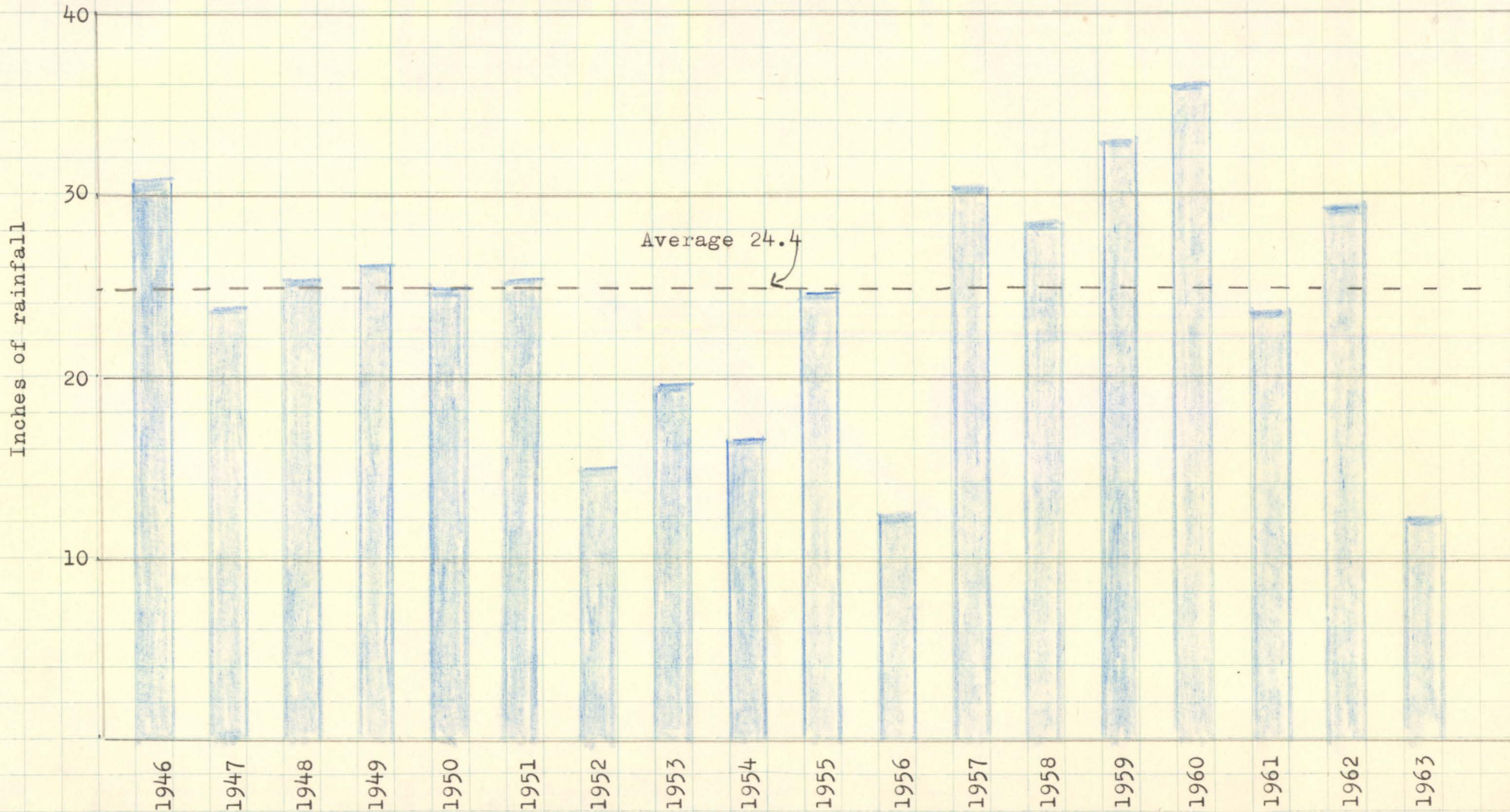
Special Use Permits - 1963	88
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Annual Precipitation at Cheyenne, Oklahoma

Annual Precipitation Cheyenne, Oklahoma

"Precipitation in the county varies so widely from year to year that it is misleading to state that a certain amount of precipitation is normal.....Rains of high intensity often cause the erosion of unprotected soils and the overflow of the Washita River."

From - Soil Survey, Roger Mills County - 1963



Stop No. 1

Pilot Watershed Project - Unit No. 75
Completed Spring 1963

Acres Treated 280

Summary of Accomplishment

Total Gully Plugs	68
Average cu. yds/plug	150
Average cost/plug	\$17.55
Stock Dam	5649 cu. yds.
Cost/yd.	\$0.234
Feet of Diversion Terraces	4,800
Cost/ft.	.07

The stabilization of the blow area was accomplished by leveling, fertilizing, seeding, and mulching.

A more detailed report of the pilot project is enclosed with the materials.

Stop No. 2

Fenced shelterbelt for wildlife habitat improvement. Cultivated area is planted to sorghum and red ripper peas. This area was fenced and planted for quail and turkey habitat improvement in cooperation with the Oklahoma Department of Wildlife Conservation. Their Department, under a Memorandum of Understanding, will fence and plant 87 plots starting this year.

Stop No. 3

Shinnery Oak Spraying - Spring 1963

Shinnery Oak (*Quercus harvardi*) is poisonous to livestock during the early growth stage each spring. Spray used was 1/2 pound of acid 245-T-P in one gallon of fuel and two gallons of water and was applied at the rate of three gallons/acre. One spraying will increase grass 3 to 4 times.

Total Area Sprayed - 1,500 Acres

All shelterbelts, shinnery motts, and creek bottoms are protected for wildlife cover. Grazing has been deferred for two growing seasons on all units sprayed.

Grazing Use -

Unit #110 North side of road
25 head of cattle - 6 months use
November 1 to April 30

Unit #60 South side of road
20 head of cattle - 6 months use
November 1 to April 30

See grazing map for management on other units.

Stop No. 4

Skipout Lake

Developed - FY 1963

No. of Family Units - 12

The dam is under special use permit as a flood prevention structure to the Upper Washita Soil Conservation District.

Recreation Visits

Roger Mills County - 1963 - 50,000

Stop No. 5

Dead Indian Lake

This area is a multiple use demonstration area. The information sign in the picture below tells the story of this particular tract of land.

